AUTODOC CLUB

How to change rear brake discs on **Audi A3 8L1** – replacement guide

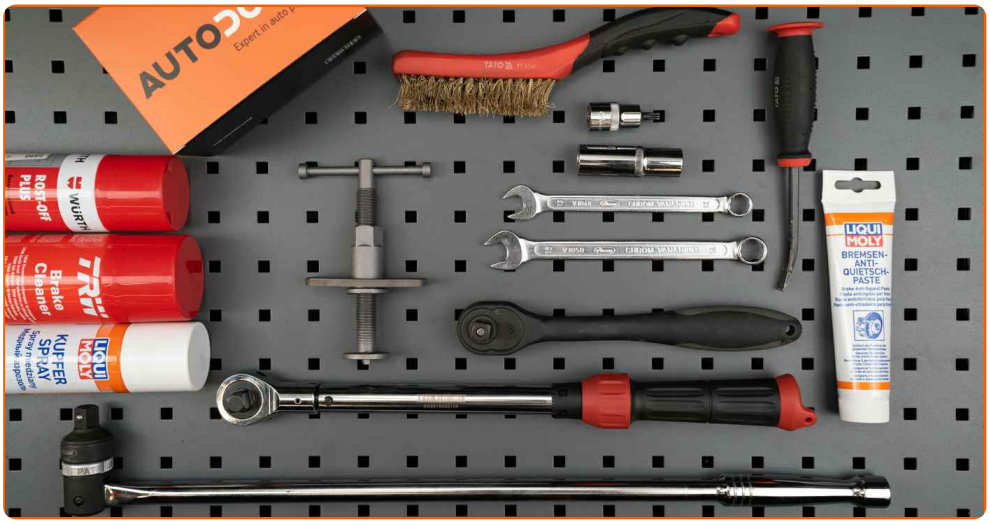
VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
AUDI A3 Hatchback (8L1) 1.6, AUDI A3 Hatchback (8L1) 1.8 T, AUDI A3 Hatchback (8L1) 1.9 TDI, AUDI A1 Hatchback (8X1, 8XK) 1.4 TFSI, AUDI A1 Hatchback (8X1, 8XK) 1.6 TDI, AUDI A1 Hatchback (8X1, 8XK) 2.0 TDI, AUDI TT Coupe (8N3) 1.8 T, AUDI TT Roadster (8N9) 1.8 T, AUDI TT Roadster (8N9) 1.8 T quattro, AUDI A1 Sportback (8XA, 8XF) 1.2 TFSI, AUDI A1 Sportback (8XA, 8XF) 1.4 TFSI, AUDI A1 Sportback (8XA, 8XF) 1.6 TDI, AUDI A1 Sportback (8XA, 8XF) 2.0 TDI, AUDI A2 (8Z0) 1.4 TDI, AUDI A2 (8Z0) 1.6 FSI, (+ 16)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – AUDI A3 8L1. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #15
- Drive socket # 13
- Torx bit T30
- Torque wrench
- Wheel impact socket #17
- Rubber mallet
- Crow bar
- Wheel chock

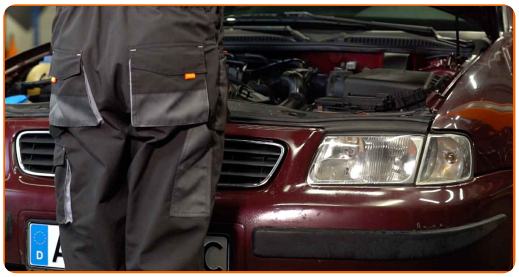
BUY TOOLS

Replacement: brake discs – Audi A3 8L1. Professionals recommend:

- Replace the brake disks on the car Audi A3 8L1 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – AUDI A3 8L1. USE THE FOLLOWING PROCEDURE:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.



2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #17.

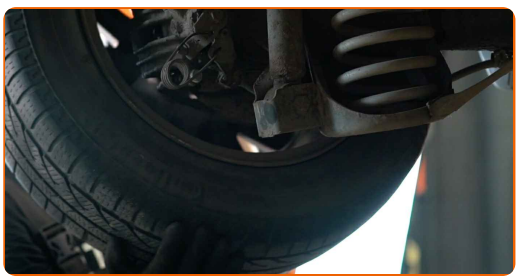
4 Raise the rear of the car and secure on supports.

5 Unscrew the wheel bolts.

AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Audi A3 8L1

6 Remove the wheel.



7 Disconnect the ABS sensor electric socket. Disconnect the brake pad wear sensor plug. Remove the ABS sensor connector. Remove the connector of the brake pad wear sensor.

Please note!

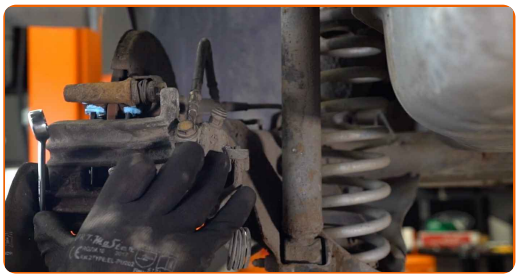
- Some cars are not equipped with the brake pad wear sensor.

8 Spread the brake pads. Use a crowbar.

9 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

10 Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15.

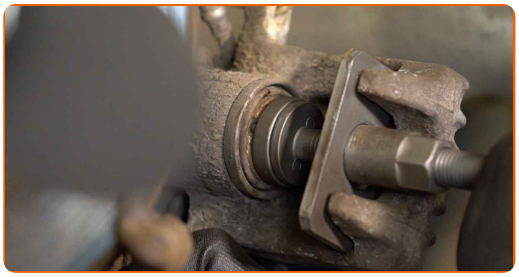
11 Remove the brake caliper.



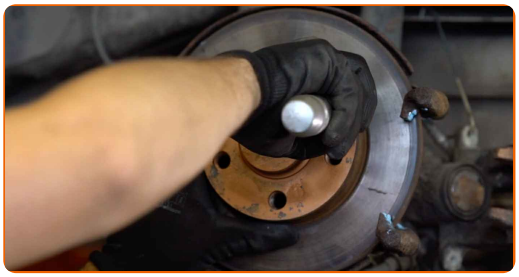
Replacement: brake discs – Audi A3 8L1. AUTODOC experts recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

12 Press in the brake caliper piston. Use brake caliper wind back tool.



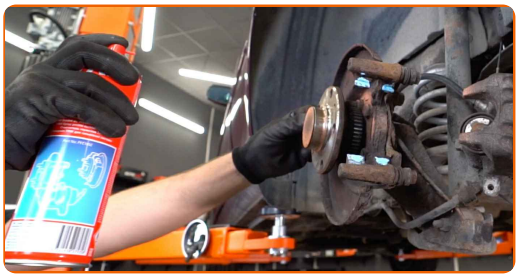
13 Unscrew the brake disc mounting bolts and remove it. Use Torx T30.



Replacement: brake discs – Audi A3 8L1. Tip:

- If necessary, use a rubber mallet.

14 Clean the hub. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – Audi A3 8L1. After applying the spray, wait a few minutes.

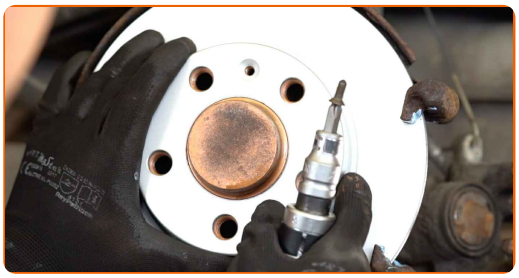
15 Treat the contacting surface. Use copper grease.

16 Remove anti-corrosion grease from the new brake disk. Use a brake cleaner.

Replacement: brake discs – Audi A3 8L1. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

17 Install the brake disc.



18 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 4 Nm torque.

19 Install the brake pads.

20 Install the brake caliper and fix it.

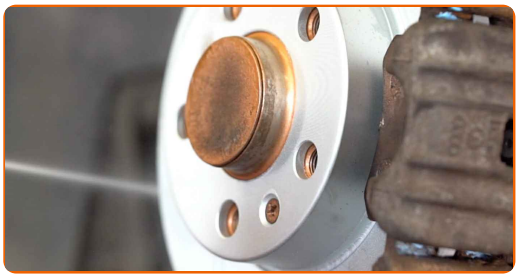
21 Tighten the brake caliper fasteners. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.

22 Connect the ABS sensor electric socket. Connect the brake pad wear sensor plug.

AUTODOC recommends:

- Audi A3 8L1 – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

23 Clean the brake disk surface. Use a brake cleaner.

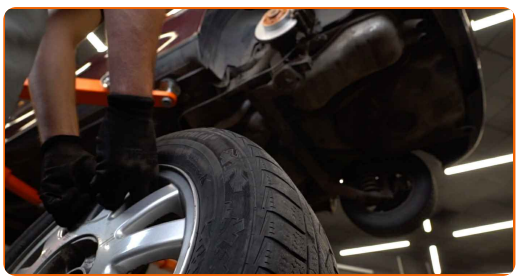


AUTODOC recommends:

- Replacement: brake discs – Audi A3 8L1. After applying the spray, wait a few minutes.

24 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

25 Install the wheel.

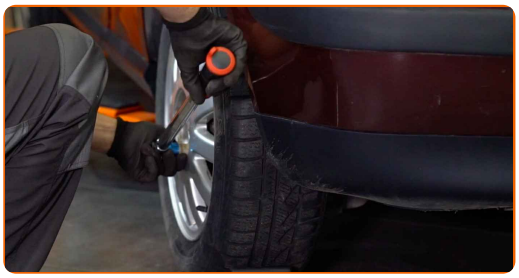


Replacement: brake discs – Audi A3 8L1. AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

26 Screw in the wheel bolts. Use wheel impact socket #17.

27 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.

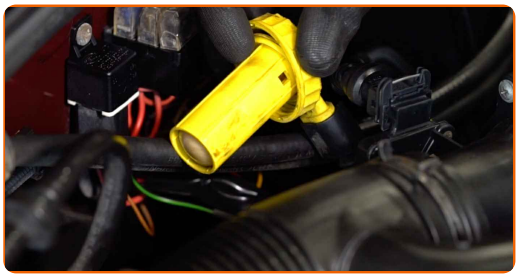


28 Remove the jacks and chocks.

AUTODOC recommends:

- Important! Replacement: brake discs – Audi A3 8L1. Check the brake fluid level in the reservoir and top up if necessary.

29 Tighten the brake fluid reservoir cap. Close the hood.



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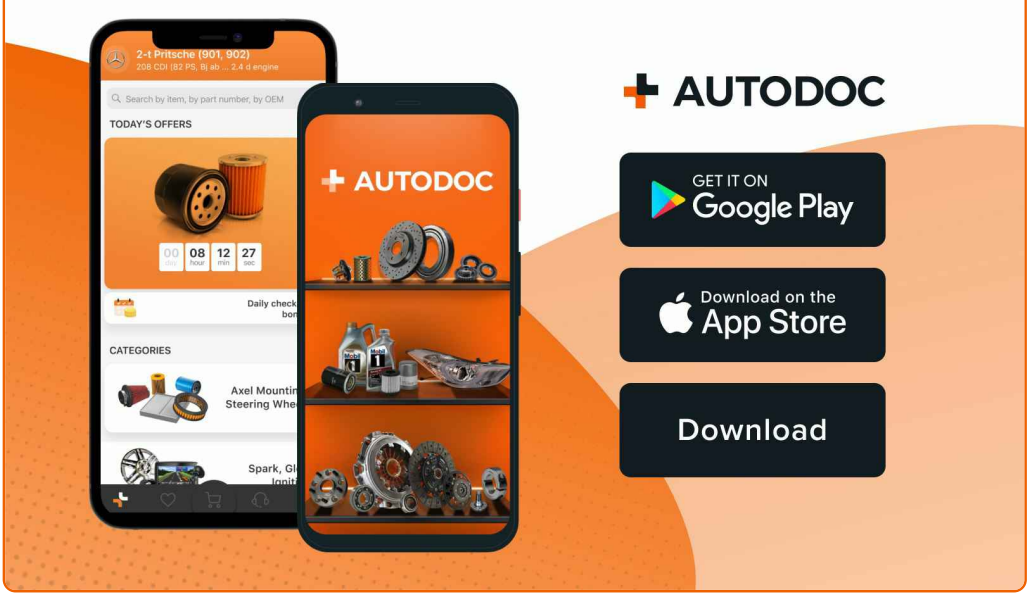

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